

ISO 12176-1:2006-07 (E)

Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 1: Butt fusion

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Design configurations	3
5	Chassis and clamps	3
5.1	General	3
5.2	Guide elements	4
6	Interface force transmission	6
6.1	General	6
6.2	Manual systems	7
6.3	Hydraulic and pneumatic systems	7
6.4	Electric systems	7
6.5	Performance	7
7	Planing tool	8
7.1	General	8
7.2	Performance	8
8	Heating plate	8
8.1	General	8
8.2	Dimensions	9
8.3	Materials and surface finish	9
8.4	Heating system	10
8.5	Performance	10
9	Power supply	11
10	Test methods	11
10.1	Chassis and clamps	11
10.2	Planing tool and check of gap after planing	12
10.3	Heating plate	12
11	Auxiliary equipment	16
12	Maintenance	16
13	Marking on the butt fusion machine	16
14	Other information to be provided by the manufacturer	16
Annex A (normative)	Additional performance requirements for butt fusion machines with automatic controllers	17
Annex B (informative)	Type classification scheme	18
Bibliography		21